

Attorney's Docket No.: 003535.P001

## Patent

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

**My residence, post office address and citizenship are as stated below, next to my name.**

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

# INTENT-DRIVEN FUNCTIONAL VERIFICATION OF DIGITAL DESIGNS

the specification of which

is attached hereto.  
X was filed on May 8, 2000 as  
 United States Application Number 09/566,684  
 or PCT International Application Number \_\_\_\_\_  
 and was amended on \_\_\_\_\_.  
 (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

# COPY

<u>Prior Foreign Application(s)</u>			<u>Priority Claimed</u>	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes	No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes	No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

_____ (Application Number)	_____ Filing Date
_____ (Application Number)	_____ Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)
_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to Michael A. DeSanctis, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, 12400 Wilshire Boulevard 7th Floor, Los Angeles, California 90025 and direct telephone calls to (303) 740-1980.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Prakash Narain

Inventor's Signature Prakash Narain Date 6/9/00

Residence San Carlos, CA Citizenship Indian  
(City, State) (Country)

Post Office Address 237 Clifton Avenue  
San Carlos, CA 94070

Full Name of Second/Joint Inventor Rajiv Kumar

Inventor's Signature Rajiv Kumar Date 6/9/00

Residence Santa Clara, CA Citizenship Indian  
(City, State) (Country)

Post Office Address 2889 Agate Avenue  
Santa Clara, CA 95051

Full Name of Third/Joint Inventor John M. Beardslee

Inventor's Signature John M. Beardslee Date 6/9/00

Residence Menlo Park, CA Citizenship USA  
(City, State) (Country)

Post Office Address 431 Sherwood Way  
Menlo Park, CA 94025

Full Name of Fourth/Joint Inventor Rajeev K. Ranjan

Inventor's Signature Rajeev K. Ranjan Date 6/9/00

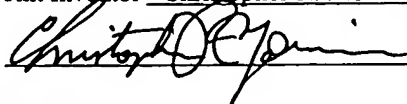
Residence Santa Clara, CA Citizenship Indian  
(City, State) (Country)

Post Office Address 2737 Mauricia Avenue, Apt. A  
Santa Clara, CA 95051

**COPY**

Full Name of Fifth/Joint Inventor Christopher R. Morrison

Inventor's Signature



Date

6/9/00

Residence Sunnyvale, CA

(City, State)

Citizenship USA

(Country)

Post Office Address 927 Primrose Avenue

Sunnyvale, CA 94086

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>Applicant:</b> PRAKASH NARAIN et al.	<b>Examiner:</b>
<b>Serial No.:</b> 09/566,684	<b>Group Art Unit:</b> 2816
<b>Filed:</b> May 3, 2000	
<b>For:</b> INTENT-DRIVEN FUNCTIONAL VERIFICATION OF DIGITAL DESIGNS	<b>Docket No.</b> 59165-276320

Commissioner for Patents  
Washington, D.C. 20231

I CERTIFY THAT, ON December 23, 2002, THIS PAPER IS  
BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS  
MAIL IN AN ENVELOPE ADDRESSED TO THE COMMISSIONER FOR  
PATENTS, WASHINGTON, D.C. 20231.

Deborah L. Peloquin  
Deborah L. Peloquin

### REVOCATION AND POWER OF ATTORNEY, CERTIFICATION UNDER 3.73(b) BY ASSIGNEE OF ENTIRE INTEREST, AND CHANGE OF CORRESPONDENCE ADDRESS

#### REVOCATION AND CERTIFICATION UNDER 37 C.F.R. 3.73(b)

As assignee of record of the entire interest in the above-identified application, as evidenced by the Assignment recorded at Reel 011022, Frame 0598, all powers of attorney previously given are hereby revoked.

#### NEW POWER OF ATTORNEY

The following attorneys and/or agents are hereby appointed to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Brett L. Bornsen, Reg. No. 46,566; Felicia J. Boyd, Reg. No. 32,683; Paul W. Busse, Reg. No. 32,403; Lynn C. Cameron, Reg. No. 44,581; John L. Crimmins, Reg. No. 51,589; Michael A. De Sanctis, Reg. No. 39,957; Donald M. Duft, Reg. No. 17,484; John M. Haurykiewicz, Reg. No. 29,311; Charles S. Ho, Reg. No. 51,807; Gregg L. Jansen, Reg. No. 46,799; Eugene G. Kim, Reg. No. 46,267; Peter J. Kinsella, Reg. No. 39,729; Robert B. Leonard, Reg. No. 33,946; Walter C. Linder, Reg. No. 31,707; Sean B. Mahoney, Reg. No.

**COPY**

51,984; Curtis J. Ollila, Reg. No. 47,833; Stephen S. Roche, Reg. No. 52,176; Karl G. Schwappach, Reg. No. 35,786; Michael J. Setter, Reg. No. 37,936; James R. Young, Reg. No. 27,847; William K. Weimer, Reg. No. 38,655; Gary S. Weinstein, Reg. No. 42,217; and Tong Wu, Reg. No. 43,361

**CHANGE OF CORRESPONDENCE ADDRESS**

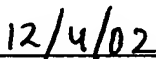
Address all correspondence to:

Michael A. DeSanctis  
Faegre & Benson, LLP  
2500 Republic Plaza,  
370 Seventeenth Street  
Denver, CO 80202-4004  
Telephone 303-607-3500

Respectfully Submitted,

Real Intent, Inc.

  
\_\_\_\_\_

  
\_\_\_\_\_  
Date

**COPY**

**ENTERED**

MAR 09 2001

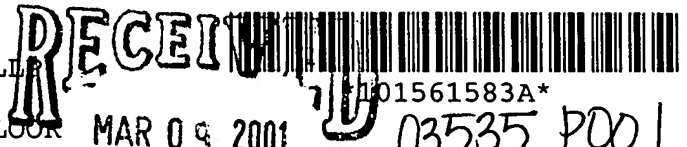
**STATUS DB-LA**



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MARCH 03, 2001

PTAS  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
MICHAEL A. DESANCTIS  
12400 WILSHIRE BOULEVARD, SEVENTH FLOOR  
LOS ANGELES, CALIFORNIA 90025-1030



BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN  
LOS ANGELES

03535 P001  
Real Intent  
MAD

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/04/2000

REEL/FRAME: 011357/0227  
NUMBER OF PAGES: 8

BRIEF: DOCUMENT PREVIOUSLY RECORDED AT REEL 011022 FRAME 0598 CONTAINED AN ERROR IN APPLICATION NUMBER 09/556684. DOCUMENT RERECORDED TO CORRECT ON STATED REEL.

ASSIGNOR:  
NARAIN, PRAKASH

DOC DATE: 06/09/2000

ASSIGNOR:  
KUMAR, RAJIV

DOC DATE: 06/09/2000

ASSIGNOR:  
BEARDSLEE, JOHN M.

DOC DATE: 06/09/2000

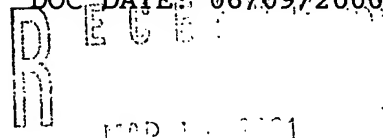
ASSIGNOR:  
RANJAN, RAJEEV K.

DOC DATE: 06/09/2000

ASSIGNOR:  
MORRISON, CHRISTOPHER R.

DOC DATE: 06/09/2000

ASSIGNEE:  
REAL INTENT, INC.  
3910 FREEDOM CIRCLE, #102A  
SANTA CLARA, CALIFORNIA 95054



BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN  
LOS ANGELES

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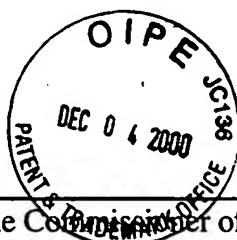
011357/0227 PAGE 2

SERIAL NUMBER: 09566684  
PATENT NUMBER:

FILING DATE: 05/08/2000  
ISSUE DATE:

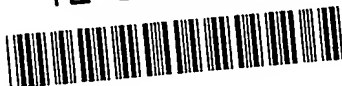
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101561583  
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TO: The Commissioner of Patents and Trademarks : Please record the attached original document(s) or copy(ies).

**Submission Type**

- ☐ New  
☐ Resubmission (Non- Recordation)

Document ID # \_\_\_\_\_

- ☐ Correction of PTO Error

Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

- ☒ Corrective Document

Reel # 011022 Frame # 0598

**Conveyance Type**

- ☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other \_\_\_\_\_

*U.S. Government*

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

Attorney D cket No: 003535.P001

**Conveying Party (ies)**

☒ Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name (1st party) Prakash Narain

6/09/00

Name (2nd party) Rajiv Kumar

6/09/00

Name (3rd party) John M. Beardslee

6/09/00

Name (4th party) Rajeev K. Ranjan

6/09/00

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) Real Intent, Inc.

Name (line 2) \_\_\_\_\_

Address (line 1) 3910 Freedom Circle, #102A

Address (line 2) \_\_\_\_\_

Address (line 3) Santa Clara

California

95054

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

09566684

**Domestic Representative Name and Address**

(Complete only if receiving party is not domiciled in the United States)

Enter for the first Receiving Party nly.

Name \_\_\_\_\_

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C mmissi ner of Patents and Trademarks, B x Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

**Area Code and Telephone Number** (303) 740-1980

Name Michael A. DeSanctis

Address (line 1) Blakely, Sokoloff, Taylor & Zafman LLP

Address (line 2) 12400 Wilshire Boulevard

Address (line 3) Seventh Floor

Address (line 4) Los Angeles, CA 90025-1030

**Pages** Enter the total number of pages of the attached conveyance document. # 2

**Application Number (s) or Patent Number (s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number (s)**

**Patent Number (s)**

09/566,684

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a  
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PCT \_\_\_\_\_ PCT \_\_\_\_\_ PCT \_\_\_\_\_

**Number of Properties**

Enter the total number of properties involved. # 1

**Fee Amount**

**Fee Amount for Properties Listed (37 CFR 3.41):** \$ 40.00

Method of Payment:  
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 02-2666

Authorization to charge additional fees: Yes ☒ No ☐

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Michael A. DeSanctis

39,957

Name of Person Signing

Registration N .

Signature

Date

CONTINUATION OF  
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**Conveying Party (ies)**

*Enter additional Conveying Parties*



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Execution Date

Month Day Year

6/09/00

Name Christopher R. Morrison

Name

Name

Name

Name

Name

**Receiving Party (ies)**

*Enter additional Receiving Party(ies)*



Mark if additional names of receiving parties attached



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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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State/Country

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Name (line 2)

Address (line 1)

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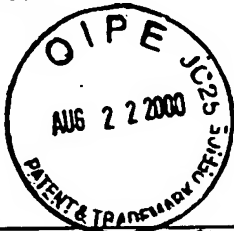
*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).*

Patent Application Number(s)

Patent Number(s)

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☐ Resubmission (Non- Recordation)  
Document ID # \_\_\_\_\_  
☐ Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_  
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Attorney Docket No: 003535.P001

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Name (3rd party) John M. Beardslee

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09/556,684

**Patent Number (s)**

Month Day Year

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assigned.

PCT

PCT

PCT

PCT

PCT

PCT

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# 1

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Enclosed ☒

Deposit Account ☐

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Michael A. DeSanctis

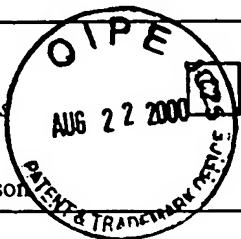
39,957

Name of Person Signing

Registration No.

Signature

Date

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Patent and Trademark Office**PATENT****Conveying Party (ies)***Enter additional Conveying Parties*☐ Mark if additional names of conveying parties attachedExecution Date  
Month Day Year  
06/09/00

Name Christopher R. Morrison

Name

Name

Name

Name

Name

**Receiving Party (ies)***Enter additional Receiving Party(ies)*☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

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Name (line 2)

Address (line 1)

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Attorney's Docket

## ASSIGNMENT

PATENT

No.: 003535.P001 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

**Prakash Narain, Rajiv Kumar, John M. Beardslee, Rajeev K. Ranjan and  
Christopher R. Morrison**

hereby sell, assign, and transfer to **Real Intent, Inc.**, a corporation of California, having a principal place of business at **3910 Freedom Circle, #102A, Santa Clara, CA, 95054**, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed **May 8, 2000** and assigned Application No. **09/566,684** and is entitled:

### **Intent-Driven Functional Verification of Digital Design**

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**COPY**Date: 6/9/00Prakash Narain  
Name: **Prakash Narain**Date: 6/9/00Rajiv Kumar  
Name: **Rajiv Kumar**Date: 6/9/00John M. Beardslee  
Name: **John M. Beardslee**Date: 6/9/00Rajeev K. Ranjan  
Name: **Rajeev K. Ranjan**Date: 6/9/00Christopher R. Morrison  
Name: **Christopher R. Morrison**

Date: \_\_\_\_\_

Name: \_\_\_\_\_

State of: \_\_\_\_\_ }

County of: \_\_\_\_\_ }

Assignment Document Return Address:SS. **BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP**  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, California 90025-1026  
(303) 740-1980On this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_, before me, \_\_\_\_\_,  
the undersigned Notary Public, personally appeared \_\_\_\_\_☐ personally known to me ☐ proved to me on the basis of satisfactory evidence to be the  
person(s) whose name(s) \_\_\_\_\_ subscribed to the within instrument, and acknowledged that  
\_\_\_\_\_ executed it.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary's Signature